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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/892,926	06/26/2001	Yasuhiro Ogata	29288.1400	3852
7590		10/06/2005	EXAMINER	
Michael K. Kelly		SHIBRU, HELEN		
SNELL & WILMER, LLP		ART UNIT		
One Arizona Center		PAPER NUMBER		
400 E. Van Buren Street		2616		
Phoenix, AZ 85004-2202		DATE MAILED: 10/06/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/892,926

Applicant(s)

OGATA ET AL.

Examiner

SHIBRU HELEN

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 26 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 June 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 2/10, 9/11, & 7/03/03.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

***Specification***

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-12 and 14 are rejected under 35 U.S.C. 102(e) as being anticipated by Katayama (US Pat. No. 5,915,066).

Regarding claim 1, Katayama discloses an audio and video recording and reproduction apparatus, comprising:

an audio signal switch section (system controller (15), gain controller (18) in fig. 9) for outputting one of a first audio signal having a first volume level (amplitude) and a second audio signal having a second volume level by a switching operation (see col. 6 lines 40-44 and col. 7 lines 24-48. After the channel is switched (first audio signal by second audio signal, the amplitude is controlled by the gain controller); and

a mute section for muting the first audio signal which is output from the audio signal switch section when the audio signal switch section switches the second audio signal to the first audio signal (see col. 6 lines 33-37 and col. 11 lines 46-64).

Regarding claim 2, Katayama discloses the mute section mutes the second audio signal which is output from the audio signal switch section when the audio signal switch section switches the first audio signal to the second audio signal (see col. 7 lines 59-67).

Regarding claim 3, Katayama discloses the first audio signal includes an external audio signal (see col. 9 lines 36-42).

Regarding claim 4, Katayama discloses the first audio signal includes an audio signal reproduced from an audio and video recording and reproduction medium (see col. 8 lines 53-60, the software).

Regarding claim 5, Katayama discloses the second audio signal includes an audio signal reproduced from an audio and video reproduction-only medium (see col. 14 lines 15-25).

Regarding claim 6, Katayama discloses the second audio signal includes an audio signal reproduced from an audio reproduction-only medium (see col. 14 lines 33-44).

Regarding claim 7, Katayama discloses the first audio signal includes an external audio signal (see col. 9 lines 36-42 or claim rejection 3 above),

the second audio signal is reproduced from a reproduction-only medium (see col. 14 lines 15-25 and col. 14 lines 33-34) ,

the first volume level of the first audio signal and the second volume level of the second audio signal are different from each other (see col. 7 lines 24-48. The gain controller controls the amplitude level for each audio),

the audio and video recording and reproduction apparatus has a reproduction mode for reproducing the second audio signal from the reproduction-only medium and a stop mode for

stopping the reproduction of the second audio signal from the reproduction-only medium (see col. 7 lines 57-67 and col. 11 lines 47-64) and

the audio signal switch section switches the second audio signal to the first audio signal when the reproduction mode is switched to the stop mode (see col. 8 lines 3-9).

Regarding claim 8, Katayama discloses a video switch section for outputting a first video signal corresponding to the first audio signal or a second video signal

corresponding to the second audio signal by a switching operation (see col. 11 lines 3-11 and 47-64 and fig. 18).

Regarding claim 9, Katayama discloses the first video signal includes an external video signal (see col. 9 lines 37-46, VOB-U)

Regarding claim 10, Katayama discloses the first video signal includes a video signal reproduced from an audio and video recording and reproduction medium (see col. 8 lines 53-60).

Regarding claim 11, Katayama discloses the second video signal includes a video signal reproduced from an audio and video reproduction-only medium (see col. 14 lines 15-25).

Regarding claim 12, Katayama discloses the second video signal includes a still picture signal reproduced from a still picture signal medium (see col. 11 lines 3-12 sub-picture).

Regarding claim 14, Katayama discloses the second video signal includes a still picture signal reproduced from a still picture medium (see col. 9 lines 21-30 and col. 12 lines 15-23), and

the video switch section outputs the still picture signal when the mute section mutes the first audio signal (see col. 10 line 65-col. 11 line 2).

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Katayama.

Regarding claim 13, although Katayama does not specifically teach audio and video recording and reproduction apparatus has a reproduction mode for reproducing the third video signal from the audio and video reproduction-only medium and a stop mode for stopping the reproduction of the third video signal from the audio and video reproduction-only medium, Katayama does teach the second video signal includes a third video signal reproduced from the audio and video reproduction-only medium (see col. 14 lines 15-25) and a still picture signal reproduced from a still picture signal medium (see col. 14 lines 4-14). Katayama further teaches the video signal switch section switches the third video signal to the still picture signal when the reproduction mode is switched to the stop mode (see col. 10 line 65-col. 11 line 11). Official Notice is given that it would have been obvious to one of ordinary skill in the art at the time the invention was made to reproduce a sub clip from a clip in editing system in order to use it as many times as the user wants.

***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Okada (US Pat. No. 6,445,877) discloses different AV equipment and their corresponding media.


Hori (US Pat. No. 6,839,442) discloses an audio signal processing apparatus for recording a plurality of audio signals on recording medium.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HELEN SHIBRU whose telephone number is (571) 272-7329. The examiner can normally be reached on M-F, 8:30AM-5PM.

7. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JAMES GROODY can be reached on (571) 272-7950. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Helen Shibru  
September 28, 2005

  
DAVID L. OMETZ  
SUPERVISORY PATENT  
EXAMINER